

DAILY FIELD ACTIVITIES SUMMARY REPORT			
PROJECT NAME: R&H Oil/Tropicana Energy Site, San Antonio, Texas			
Date: 05/25/11	Shift Beginning: 8:00 hours		Shift Ending: 16:20 hours
RAC II Contract No.: EP-W-06-004		Task Order No.: 0074	
EPA Region 6 TOM: Chris Villarreal		Project Manager: Ted Telisak	
Design Manager: N/A		Site Geologist: Teri McMillan	
Design Engineer: N/A		Site Engineer: N/A	
Personnel on site	Name	Affiliation	Reason for being on site
EA:	Teri McMillan	EA	Drilling Oversight
Subcontractors:	Robert Joiner Cody Clayton Derek Withoff	Vortex	Driller
Other:	Chris Villarreal Eric Pastor Chris Moore Tim Nickels Roberta McClure	EPA PBW PBW PBW PBW	Drilling Oversight Environmental Consultant Environmental Consultant Environmental Consultant Environmental Consultant
Work Performed			
<p>Pastor, Behling & Wheeler, LLC (PBW) is the environmental consultant that is conducting the remedial investigation field activities. EA is providing oversight of field activities on behalf of EPA.</p> <p>EA oversaw PBW as they installed three monitoring wells MW-18, MW-14, and MW-12 using a Mobil B61-HDX hollow stem auger drill rig. Monitoring wells were advanced adjacent to their respective Geoprobe® boring locations. The augers outside diameter was approximately 7.5 inch and the inside diameter was 3.25 inches. Clean augers were used to advance each borehole.</p> <p>Borings for MW-18 and MW-14 were advanced to a total depth of approximately 25 feet below ground surface (bgs) and monitoring wells were installed. The total depths of the monitoring wells were approximately 24 to 24.5 feet bgs. The monitoring well consisted of 15 feet of 0.010-inch machine slotted screen and approximately 11 to 11.5 feet of blank riser (with 2 feet above ground surface). A filter pack consisting of 12/20 silica sand was placed from the total depth of the borehole (25 feet bgs) to approximately 8 feet bgs, followed by bentonite hole plug (hydrated) to 3 feet bgs. Cement then was placed from 3 feet bgs to the surface and an above ground shroud was placed over the riser, for an above ground completion.</p> <p>It was noted that they installed something less than the minimum of 2 feet of filter pack above the well screens in wells MW-18 and MW-14. This was corrected for the next well location.</p> <p>The boring for Well MW-12 was advanced to a total depth of 26 feet bgs and a monitoring well set at 25 feet bgs. The monitoring well consisted of 15 feet of 0.010-inch machine slotted screen approximately 12 feet of blank riser (with 2 feet above ground surface). A filter pack consisting of 12/20 silica sand was placed from the total depth of the borehole (26 feet bgs) to 8 feet bgs, followed by bentonite hole plug (hydrated) to 3 feet bgs. Cement then was placed from 3 feet bgs to the surface and an above ground shroud was placed over the riser, for an above ground completion.</p> <p>During the advancement of borehole MW-12 the drill rig had a hydraulic leak. The rig was shut down for repairs. Plastic was placed beneath the rig where the leak occurred and hydraulic oil was cleaned up using adsorbent pads.</p>			
Anticipated Activities for the Following Day			

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PBW and driller will continue to install monitoring wells. No oversight will be provided
Report prepared by (name and date)
Teri McMillan 5/25/11